GENERAL

ITEM	DWG DWG		DRAWING TITLE				
TIE/V	CODE	NO.	DRAWING HILL				
GENERAL INFORMATION	LOT-5	G-01	Drawing List (LOT3-1)				
	LOT-5	G-02	Drawing List (LOT3-2)				
	LOT-5	G-03	Project Outline/Site Location Map				
	LOT-5	G-04	Facility Component by Site				

CIVIL WORKS DRAWINGS

SITE	DWG CODE	DWG NO.	DRAWING TITLE
GGPS GUND	LA01	ED-01	EXISTING SITE CONDITIONS
	LA01	ED-02	DEMMOLITION WORK
	LA01	ED-03	CIVIL WORK PLAN
	LA01	ED-04	BUILDING LAYOUT PLAN
GGPS NAI GUDD	LA02	ED-01	EXISTING SITE CONDITIONS
	LA02	ED-02	DEMMOLITION WORK
	LA02	ED-03	CIVIL WORK PLAN
	LA02	ED-04	BUILDING LAYOUT PLAN
GGPS MODEL COMMUNITY THARECHA	LA03	ED-01	EXISTING SITE CONDITIONS
	LA03	ED-02	DEMMOLITION WORK
	LA03	ED-03	CIVIL WORK PLAN
	LA03	ED-04	BUILDING LAYOUT PLAN
GGPS KAMALUDDIN VILLAGE KANHIRI	DA01	ED-01	EXISTING SITE CONDITIONS
	DA01	ED-02	DEMMOLITION WORK
	DA01	ED-03	CIVIL WORK PLAN
	DA01	ED-04	BUILDING LAYOUT PLAN
GGPS AMINANI	DA03	ED-01	EXISTING SITE CONDITIONS
	DA03	ED-02	DEMMOLITION WORK
	DA03	ED-03	CIVIL WORK PLAN
	DA03	ED-04	BUILDING LAYOUT PLAN
GGPS GHARIB ABAD RADHAN	DA04	ED-01	EXISTING SITE CONDITIONS
	DA04	ED-02	DEMMOLITION WORK
	DA04	ED-03	CIVIL WORK PLAN
	DA04	ED-04	BUILDING LAYOUT PLAN
GGPS WALI MUHAMMAD GORAR	DA05	ED-01	EXISTING SITE CONDITIONS
	DA05	ED-02	DEMMOLITION WORK
	DA05	ED-03	CIVIL WORK PLAN
	DA05	ED-04	BUILDING LAYOUT PLAN

ARCHITECTURAL DRAWINGS

ITEM	DWG CODE	DWG NO.	DRAWING TITLE
1F-3CR-HSM(A)	1F3CRHSM(A)	A-01	GROUND FLOOR PLAN
	1F3CRHSM(A)	A-02	ROOF PLAN
	1F3CRHSM(A)	A-03	ELEVATIONS
	1F3CRHSM(A)	A-04	CROSS SECTION A-A
	1F3CRHSM(A)	A-05	CROSS SECTION B-B

ITEM	DWG CODE	DWG NO.	DRAWING TITLE
	1F3CRHSM(A)	A-06	CROSS SECTION C-C
	1F3CRHSM(A)	A-07	FURNITURE LAYOUT PLAN
2F-6CR-HSMb(A)	2F6CRHSMb(A)	A-01	GROUND FLOOR PLAN
	2F6CRHSMb(A)	A-02	FIRST FLOOR PLAN
	2F6CRHSMb(A)	A-03	ROOF PLAN
	2F6CRHSMb(A)	A-04	ELEVATIONS (1)
	2F6CRHSMb(A)	A-05	ELEVATIONS (2)
	2F6CRHSMb(A)	A-06	CROSS SECTION A-A
	2F6CRHSMb(A)	A-07	CROSS SECTION B-B
	2F6CRHSMb(A)	A-08	CROSS SECTION C-C
	2F6CRHSMb(A)	A-09	CROSS SECTION D-D
	2F6CRHSMb(A)	A-10	FURNITURE LAYOUT PLAN (1)
	2F6CRHSMb(A)	A-11	FURNITURE LAYOUT PLAN (2)
2F-3CR-HSMa(A)	2F3CRHSMa(A)	A-01	GROUND FLOOR & FIRST FLOOR PLAN
	2F3CRHSMa(A)	A-02	ROOF PLAN
	2F3CRHSMa(A)	A-03	ELEVATIONS
	2F3CRHSMa(A)	A-04	CROSS SECTION A-A
	2F3CRHSMa(A)	A-05	CROSS SECTION B-B
	2F3CRHSMa(A)	A-06	CROSS SECTION C-C
	2F3CRHSMa(A)	A-07	FURNITURE LAYOUT PLAN
2F-3CR-HSMb(A)	2F3CRHSMb(A)	A-01	GROUND FLOOR & FIRST FLOOR PLAN
	2F3CRHSMb(A)	A-02	ROOF PLAN
	2F3CRHSMb(A)	A-03	ELEVATIONS
	2F3CRHSMb(A)	A-04	CROSS SECTION A-A
	2F3CRHSMb(A)	A-05	CROSS SECTION B-B
	2F3CRHSMb(A)	A-06	CROSS SECTION C-C
	2F3CRHSMb(A)	A-07	CROSS SECTION D-D
	2F3CRHSMb(A)	A-08	FURNITURE LAYOUT PLAN
2F-3CR-HSMb(C)	2F3CRHSMb(C)	A-01	GROUND FLOOR & FIRST FLOOR PLAN
	2F3CRHSMb(C)	A-02	ROOF PLAN
	2F3CRHSMb(C)	A-03	ELEVATIONS
	2F3CRHSMb(C)	A-04	CROSS SECTION A-A
	2F3CRHSMb(C)	A-05	CROSS SECTION B-B
	2F3CRHSMb(C)	A-06	CROSS SECTION C-C
	2F3CRHSMb(C)	A-07	CROSS SECTION D-D
	2F3CRHSMb(C)	A-08	FURNITURE LAYOUT PLAN
2F-3CR-M(B)	2F3CRM(B)	A-01	GROUND FLOOR & FIRST FLOOR PLAN
	2F3CRM(B)	A-02	ROOF PLAN
	2F3CRM(B)	A-03	ELEVATIONS
	2F3CRM(B)	A-04	CROSS SECTION A-A
	2F3CRM(B)	A-05	CROSS SECTION B-B
	2F3CRM(B)	A-06	CROSS SECTION C-C
	2F3CRM(B)	A-07	FURNITURE LAYOUT PLAN
2F-4CR(A)	2F4CR(A)	A-01	GROUND FLOOR & FIRST FLOOR PLAN
	2F4CR(A)	A-02	ROOF PLAN

ITEM	DWG CODE	DWG NO.	DRAWING TITLE
	2F4CR(A)	A-03	ELEVATIONS
	2F4CR(A)	A-04	CROSS SECTION A-A
	2F4CR(A)	A-05	CROSS SECTION B-B
	2F4CR(A)	A-06	CROSS SECTION C-C
	2F4CR(A)	A-07	FURNITURE LAYOUT PLAN
Lavatory Block F3-L	F3L	A-12	PLANS & ELEVATIONS
	F3L	A-13	CROSS SECTION A-A & DETAILS
Lavatory Block F3-R	F3R	A-12	PLANS & ELEVATIONS
	F3R	A-13	CROSS SECTION A-A & DETAILS
Lavatory Block F5-L	F5L	A-12	PLANS & ELEVATIONS
	F5L	A-13	CROSS SECTION A-A & DETAILS
Lavatory Block F5-R	F5R	A-12	PLANS & ELEVATIONS
	F5R	A-13	CROSS SECTION A-A & DETAILS
Miscellaneous Drawings	MIS	A-14	SCHEDULE OF JOINERY
	MIS	A-15	DETAILS OF DOORS & WINDOWS (1)
	MIS	A-16	DETAILS OF DOORS & WINDOWS (2)
	MIS	A-17	DETAILS OF DOORS & WINDOWS (3)
	MIS	A-18	MISCELLANEOUS DETAILS (1)
	MIS	A-19	MISCELLANEOUS DETAILS (2)
	MIS	A-20	MISCELLANEOUS DETAILS (3)
	MIS	A-21	INTERIOR ELEVATION (CLASSROOM)
	MIS	A-22	INTERIOR ELEVATION (MULTI-PURPOSE RM
	MIS	A-23	Interior elevation (storage)
	MIS	A-24	INTERIOR ELEVATION (HEADMISTRESS'S RA
	MIS	A-25	GATE & BOUNDARY WALL
	MIS	A-26	BOUNDARY WALL DETAILS & FLAGPOLE
	MIS	A-27	MEMORIAL & ROOM NAME PLATE
	MIS	A-28	TYPICAL DETAIL FOR RETAINING WALLS
	MIS	A-29	SKIRTING (1) / 1F-3CR-HSM (A)
	MIS	A-30	SKIRTING (2) / 2F-6CR-HSM (a) B
	MIS	A-31	SKIRTING (3) / 2F-6CR-HSM (a) B
	MIS	A-32	SKIRTING (4) / 2F-6CR-HSM (a) B
	MIS	A-33	SKIRTING (5) / LAVATORY
	MIS	A-34	KEY BOX

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EDUCATION & LITERACY
DEPARTMENT
PROVINCIAL GOVERNMENT OF SINDH

PROJECT.

THE PROJECT FOR UPGRADING PRIMARY GIRLS
SCHOOLS INTO ELEMENTARY SCHOOLS
IN NORTHERN RURAL SINDH
IN THE ISLAMIC REPUBLIC OF PAKISTAN



DRAWING LIST (LOT5-1)
GENERAL

٦		REVISION	DRAWING CHECK BY	DESIGNED BY	STATUS	TENDER DRA	AWINGS
1	NO DATE	REMARKS	OSAWA		JOB NO.	DRG,NO	REVISION
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ı	<u> </u>			SHIMADA	_	LOT-5	6 7 8 9 10
1	<u>/</u> 3\		SCALE.	DATE.		G-01	
1	<u> </u>			31 / AUG / 2017	00145145		
1	<u>/</u> 5\		-		COMPUTE	ER CODE	-

STRUCTURAL DRAWINGS

ITEM	DWG CODE	DWG NO.	DRAWING TITLE
GENERAL	COMMON	SG-01	GENERAL NOTES (STRUCTURE)
	COMMON	SG-02	STRUCTURAL DETAILS -1
	COMMON	SG-03	STRUCTURAL DETAILS -2
	COMMON	SG-04	STRUCTURAL DETAILS -3
1F-3CR-HSM(A) S1	1F3CRHSM(S1)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	1F3CRHSM(S1)	S-02	FOUNDATION BEAM FRAMING PLAN
	1F3CRHSM(S1)	S - 03	GFL BEAM FRAMING PLAN
	1F3CRHSM(S1)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	1F3CRHSM(S1)	S-05	RF BEAM FRAMING PLAN
	1F3CRHSM(S1)	S-06	ELEVATION Y1, Y2, Y3
	1F3CRHSM(S1)	S-07	ELEVATION X1, X2, X3, X9
	1F3CRHSM(S1)	S-08	COLUMN ELEVATION
	1F3CRHSM(\$1)	S-09	RE-BAR ARRANGEMENT (FOUNDATION, GFL
	1F3CRHSM(\$1)	S-10	RE-BAR ARRANGEMENT (RFL)
2F-6CR-HSMb(A)	2F6CRHSMb(A)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	2F6CRHSMb(A)	S-02	FOUNDATION BEAM FRAMING PLAN
	2F6CRHSMb(A)	S-03	GFL BEAM FRAMING PLAN
	2F6CRHSMb(A)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F6CRHSMb(A)	S-05	1FL BEAM FRAMING PLAN
	2F6CRHSMb(A)	S-06	1FL COLUMN & LINTEL LAYOUT PLAN
	2F6CRHSMb(A)	S-07	RF BEAM FRAMING PLAN
	2F6CRHSMb(A)	S-08	ELEVATION Y1-Y3
	2F6CRHSMb(A)	S-09	ELEVATION Y4, X1, X2
	2F6CRHSMb(A)	S-10	ELEVATION X3, X3-X4, X6, X7
	2F6CRHSMb(A)	S-11	RE-BAR ARRANGEMENT (FOUNDATION)
	2F6CRHSMb(A)	S-12	RE-BAR ARRANGEMENT (GFL, 1FL)
	2F6CRHSMb(A)	S-13	RE-BAR ARRANGEMENT (FOUNDATION, GFL
	2F6CRHSMb(A)	S-14	RE-BAR ARRANGEMENT (1FL, RFL)
	2F6CRHSMb(A)	S-15	RE-BAR ARRANGEMENT (RFL)
2F-3CR-HSMa(A)	2F3CRHSMa(A)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	2F3CRHSMa(A)	S-02	FOUNDATION BEAM FRAMING PLAN
	2F3CRHSMa(A)	S-03	GFL BEAM FRAMING PLAN
	2F3CRHSMa(A)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F3CRHSMa(A)	S-05	1FL BEAM FRAMING PLAN
	2F3CRHSMa(A)	S - 06	1FL COLUMN & LINTEL LAYOUT PLAN
	2F3CRHSMa(A)	S-07	RF BEAM FRAMING PLAN
	2F3CRHSMa(A)	S-08	ELEVATION Y1, Y2,
	2F3CRHSMa(A)	S-09	ELEVATION Y3, X1, X2, X6, X7
	2F3CRHSMa(A)	S-10	ELEVATION X3, X3-X4, X5
2F-3CR-HSMb(A)	2F3CRHSMb(A)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	2F3CRHSMb(A)	S-02	FOUNDATION BEAM FRAMING PLAN
	2F3CRHSMb(A)	S-03	GFL BEAM FRAMING PLAN
	2F3CRHSMb(A)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F3CRHSMb(A)	S-05	1FL BEAM FRAMING PLAN
	2F3CRHSMb(A)	S-06	1FL COLUMN & LINTEL LAYOUT PLAN
	ZI JONI BIMIDIA)	000	THE SOLOTING CHALLE EVIDALL FULL

ITEM	DWG	DWG	DRAWING TITLE
	CODE 2F3CRHSMb(A)	NO. S-07	RF BEAM FRAMING PLAN
	2F3CRHSMb(A)	S-08	ELEVATION Y1, Y2, Y3
	2F3CRHSMb(A)	S-09	ELEVATION Y4, X1, X2
	2F3CRHSMb(A)	S-10	ELEVATION 14, X1, X2
2F-3CR-HSMb(C)	2F3CRHSMb(C)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
2F-3CK-H3MD(C)	. ,	S-02	
	2F3CRHSMb(C)		FOUNDATION BEAM FRAMING PLAN
	2F3CRHSMb(C)	S-03	GFL BEAM FRAMING PLAN
	2F3CRHSMb(C)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F3CRHSMb(C)	S-05	1FL BEAM FRAMING PLAN
	2F3CRHSMb(C)	S-06	1FL COLUMN & LINTEL LAYOUT PLAN
	2F3CRHSMb(C)	S-07	RF BEAM FRAMING PLAN
	2F3CRHSMb(C)	S-08	ELEVATION Y1, Y2, Y3
	2F3CRHSMb(C)	S-09	ELEVATION Y4, X1, X2
	2F3CRHSMb(C)	S-10	ELEVATION X3, X4, X5, X6
2F-3CR-M(B)	2F3CRM(B)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	2F3CRM(B)	S-02	FOUNDATION BEAM FRAMING PLAN
	2F3CRM(B)	S-03	GFL BEAM FRAM I NG PLAN
	2F3CRM(B)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F3CRM(B)	S-05	1FL BEAM FRAMING PLAN
	2F3CRM(B)	S-06	1FL COLUMN & LINTEL LAYOUT PLAN
	2F3CRM(B)	S - 07	RF BEAM FRAMING PLAN
	2F3CRM(B)	S-08	ELEVATION Y1, Y2,
	2F3CRM(B)	S-09	ELEVATION Y3, X1, X2, X5, X6
	2F3CRM(B)	S-10	ELEVATION X3, X3-X4
2F-4CR(A)	2F4CR(A)	S-01	COLUMN & FOUNDATION LAYOUT PLAN
	2F4CR(A)	S-02	FOUNDATION BEAM FRAMING PLAN
	2F4CR(A)	S-03	GFL BEAM FRAMING PLAN
	2F4CR(A)	S-04	GFL COLUMN & LINTEL LAYOUT PLAN
	2F4CR(A)	S-05	1FL BEAM FRAMING PLAN
	2F4CR(A)	S-06	1FL COLUMN & LINTEL LAYOUT PLAN
	2F4CR(A)	S-07	RF BEAM FRAMING PLAN
	2F4CR(A)	S-08	ELEVATION Y1, Y2,
	2F4CR(A)	S-09	ELEVATION Y3, X1, X2, X6
	2F4CR(A)	S-10	ELEVATION X3, X3-X4
LAVATORY F3-L, F3-R	F3-L, R	S-01	STRUCTURAL PLANS, LISTS
2,117,110111 10 2710 11	F3-L, R	S-02	STRUCTURAL SECTION & DETAILS
LAVATORY F5-L, F5-R	F5-L, R	S-01	STRUCTURAL PLANS, LISTS
2,11,11011 10 2,10 1	F5-L, R	S-02	STRUCTURAL SECTION & DETAILS
	13 L, K	3 02	STRUCTURAL SECTION & DETAILS

PLUMBING DRAWINGS

ІТЕМ	DWG CODE	DWG NO.	DRAWING TITLE
GGPS GUND	LA01	PL-01	Layout Plan: Water Supply & Sewerage
GGPS NAI GUDD	LA02	PL-01	Layout Plan: Water Supply & Sewerage
GGPS MODEL COMMUNITY THARECHA	LA03	PL-01	Layout Plan: Water Supply & Sewerage
GGPS KAMALUDDIN VILLAGE KANHIRI	DA01	PL-01	Layout Plan: Water Supply & Sewerage
GGPS AMINANI	DA03	PL-01	Layout Plan: Water Supply & Sewerage
GGPS GHARIB ABAD RADHAN	DA04	PL-01	Layout Plan: Water Supply & Sewerage
GGPS WALI MUHAMMAD GORAR	DA05	PL-01	Layout Plan: Water Supply & Sewerage
Lavatory Block F3-L	F3-L	PL-02	Water Distribution Plumbing Network
	F3-L	PL-03	Sanitary & Drainage Plumbing Network
Lavatory Block F3-R	F3-R	PL-02	Water Distribution Plumbing Network
	F3-R	PL-03	Sanitary & Drainage Plumbing Network
Lavatory Block F5-L	F5-L	PL-02	Water Distribution Plumbing Network
	F5-L	PL-03	Sanitary & Drainage Plumbing Network
Lavatory Block F5-R	F5-R	PL-02	Water Distribution Plumbing Network
	F5-R	PL-03	Sanitary & Drainage Plumbing Network
Miscellaneous Drawings	MIS	PL-04	Borehole & Pump room Details
	MIS	PL-05	Catch pit & Soak pit Details

ELECTRICAL DRAWINGS

ITEM	DWG CODE	DWG NO.	DRAWING TITLE
ALL THE SITE		E-00	MAIN POWER DIAGRAM
GGPS GUND	LA01	E-01	Layout Plan & Main Feeder System
	LA01	E-02	LV Cables Route
GGPS NAI GUDD	LA02	E-01	Layout Plan & Main Feeder System (1)
	LA02	E-01a	Layout Plan & Main Feeder System (2)
	LA02	E-02	LV Cables Route
GGPS MODEL COMMUNITY THARECHA	LA03	E-01	Layout Plan & Main Feeder System
	LA03	E-02	LV Cables Route
GGPS KAMALUDDIN VILLAGE KANHIRI	DA01	E-01	Layout Plan & Main Feeder System
	DA01	E-02	LV Cables Route
GGPS CHHANO SHAHABAD	DA02	E-01	Layout Plan & Main Feeder System
	DA02	E-02	LV Cables Route
GGPS ANIMANI	DA03	E-01	Layout Plan & Main Feeder System
	DA03	E-02	LV Cables Route
GGPS GHARIB ABAD RADHAN	DA04	E-01	Layout Plan & Main Feeder System
	DA04	E-02	LV Cables Route
GGPS WALI MUHAMMAD GORER	DA05	E-01	Layout Plan & Main Feeder System
	DA05	E-02	LV Cables Route
Miscellaneous Drawings	MIS	E-03	Miscellaneous Details-1
	MIS	E-04	Miscellaneous Details-2

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EDUCATION & LITERACY
DEPARTMENT
PROVINCIAL GOVERNMENT OF SINDH

PROJECT.

THE PROJECT FOR UPGRADING PRIMARY GIRLS SCHOOLS INTO ELEMENTARY SCHOOLS IN NORTHERN RURAL SINDH IN THE ISLAMIC REPUBLIC OF PAKISTAN



DRAWING LIST (LOT5-2)
GENERAL

	REVISION	DRAWING CHECK BY	DESIGNED BY	STATUS	TENDER DF	RAWINGS
NO DATE	REMARKS	OSAWA		JOB NO.	DRG.NO	REVISION
Λ		DESIGN CHECK BY	DRAWN BY		LOTIC	1 2 3 4 5
<u> </u>			SHIMADA	_	LOT-5	6 7 8 9 10
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A			31 / AUG / 2017	COMPLIT		
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PROJECT OUTLINE

Client Education & Literacy Department of the Government of Sindh	1. Country	The Islamic Republic of Pakistan												
1. Project Scope	2. Project Name													
Nos. of School 9 schools Floor Area 2,525,54 sqm	3. Client	Education & Lite	racy Department	of the G	overnr	ment o	f Sindh							
LOT-2	4. Project Scope	LOT-1	District	Khairpur										
Nes. of School 9 schools Floor Area 2,399.83 sqm.		-	Nos. of School	9 school	S			Flo	Floor Area 2,525.94 sqm.					
LOT-5 District Larkana, Dadu		LOT-2	District	Sukkur,	Ghotki	, Shika	rpur							
Total Floor Area		-	Nos. of School	9 schools Floor Area 2,399.83 sqm.										
Total Floor Area 6,959.92 sqm. (Classrooms Block: 6,644.08 sqm., Lavatory Block: 315.84 sqm.) Construction works Classrooms Block: Classrooms, Multi-purpose room, Headmistress' room, Storage Lavatory Block: Flash foliet Ease: Reinforced continuous footings, reinforced traft foundation Superstructure: Brick walling with reinforced concrete frames of column and beams Roof: Reinforced concrete roof slab Roof: Two coat of hot bitumen on reinforced concrete roof slab with 50mm thick protective concrete layer Soffit: 6.4mm thick cement sand plaster with washable emulsion paint Wall (below FL): Two coat of hot bitumen on exposed concrete wall Floor: 37mm thick cement concrete on floor slab Window Frame and Door: Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule Building type Room Floor Floor Skirting Wall Celling Wall Celling Celling Celling Construction works Classroom block Classroom block Classroom block Classroom block Lavatory block Booth Corridor Water supply to lavatory block (excluding Shot, water sources are depending on the site condition) Drainage system: Infiltration on site (connecting to existing drain Kho3, Gho2, Gho3 and Da04) Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)		LOT-5	District	Larkana, Dadu										
Construction works Elassroom Block : Classrooms, Multi-purpose room, Headmistress' room, Storage Lavatory Block : Flash tollet Superstructure : Brick walling with reinforced concrete frames of column and beams Roof : Reinforced concrete roof slab Roof : Two coat of hot bitumen on reinforced concrete roof slab with 50mm thick protective concrete layer Soffit : 6-4mm thick cement sand plaster with washable emulsion paint Wall (below FL) : Two coat of hot bitumen on exposed concrete wall Floor : 37mm thick cement concrete on floor slab Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule Building type Room Floor Skirting Wall Celling Wall Celling Apaged on purpose on the protective concrete layer Soffit : 6-4mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL) : Two coat of hot bitumen on exposed concrete wall Floor : 37mm thick cement concrete on floor slab Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille The purpose of the purpose of purpose of the page of the protective concrete layer Celling Room Floor Skirting Wall Wall Celling Celling Celling Celling Apaged on purpose of the page of the page of the page of the purpose of the page of the pag		Γ	Nos. of School 7 schools Floor						or Area	2,034.1	l5 sqm.			
Lavatory Block : Flash tollet Base : Reinforced continuous footings, reinforced raft foundation Superstructure : Brick walling with reinforced concrete frames of column and beams Roof : Reinforced concrete roof slab Roof : Two coat of hot bitumen on reinforced concrete roof slab with 50mm thick protective concrete layer Soffit : 6.4mm thick cement sand plaster with washable emulsion paint Wall (Jebow FL) : 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (Jebow FL) : Two coat of hot bitumen on exposed concrete wall Floor : 37mm thick cement concrete on floor slab Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule Building type Room Floor Skirting Wall Celling Wall Celling Wall Celling Wall Celling Wall Jagging pure supply Julied ungine Jagging by		Total Floor Area		6,959.92	sqm.	(Classi	oom Blo	ock: 6,	644.08 sqn	n., Lavator	y Block:	315.8	4 sqm.)	
Superstructure: Brick walling with reinforced concrete frames of column and beams Roof: Reinforced concrete roof slab Roof: Two coat of hot bitumen on reinforced concrete roof slab with 50mm thick protective concrete layer Soffit: 6.4mm thick cement sand plaster with washable emulsion paint Wall (above FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick tement sand plaster with washabl		Construction wo						s, Mult	i-purpose r	oom, Head	lmistres	s' roor	n, Storaç	je
Roof : Reinforced concrete roof slab 5. Exterior Finish Schedule 6. Exterior Finish Schedule 6. Exterior Finish Schedule 7. Interior Finish Schedule 8. Building type 8. Room 8	5. Structure	Base : Reinforce	d continuous foot	tings, rei	nforce	d raft f	oundati	on						
Soft: Two coat of hot bitumen on reinforced concrete roof slab with 50mm thick protective concrete layer Sofft: 6.4mm thick cement sand plaster with washable emulsion paint Wall (above FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): 17mv coat of hot bitumen on exposed concrete wall Floor: 37mm thick cement concrete on floor slab Window Frame and Door: Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule 8. Building type Room Floor Skirting Wall Celling Celling Celling Celling Celling Corridor Classroom block Classroom block Classroom block Classroom block Classroom block Lavatory block Lavatory block Lavatory block Certifical Installation D. Plumbing System Classroom block (excluding Sh01, water sources are depending on the site condition) Drainage system: Infiltration on site (connecting to existing drain Kh03, Gh02, Gh03 and Da04) Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Liphting fixture, celling fan, power outlets Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Liphting fixture, celling fan, power outlets Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Liphting fixture, celling fan, power outlets Liphting fixture, celling fan, power outlets Land formation, boundary wall and gate, pavement, flag pole Liphting fixture, celling fan, power outlets Land formation, boundary wall and gate, pavement, flag pole Liphting fixture, celling fan, power outlets Liphting fixture, celling fan, power outlets Land formation, boundary wall and gate, pavement, flag pole		Superstructure :	Brick walling wit	h reinfor	ced co	ncrete	frames	of colu	ımn and be	ams				
Soffit: 6.4mm thick cement sand plaster with washable emulsion paint Wall (below FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): Two coat of hot bitumen on exposed concrete wall Floor: 37mm thick cement concrete on floor slab Window Frame and Door: Steel frames with wooden doors, Steel frames with wooden windows and security grille P. Interior Finish Schedule Building type Room Floor Skirting Wall Ceiling Wall Ceiling Wall Ceiling Ploor Skirting Wall Ceiling And David Space of Concrete wall space of the part of the p														
Wall (above FL): 19mm thick cement sand plaster on brick wall with washable emulsion paint Wall (below FL): Two coat of hot bitumen on exposed concrete wall Floor: 37mm thick cement concrete on floor slab Window Frame and Door: Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule Building type Room Floor Skirting Wall Wall Wall Celling Celling Celling Celling Company Floor Floor Floor Floor Skirting Wall Wall Celling C	6. Exterior Finish Schedule													
Wall (below FL) : Two coat of hot bitumen on exposed concrete wall Floor : 37mm thick cement concrete on floor slab Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille Celling														
Floor : 37mm thick cement concrete on floor slab Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille 7. Interior Finish Schedule Building type Room Floor Skirting Wall Ceiling Wall Ceiling Ceiling Ceiling Ceiling Ceiling Company of the steel of														
Window Frame and Door: Steel Frames with wooden doors, Steel frames with wooden windows and security griller. 7. Interior Finish Schedule 8. Building type Room Floor Skirting Wall Celling Wall Celling Celling Communication for the steel of t														
Room Floor Skirting Wall Ceiling Room Wall Wall Skirting Wall Ceiling Room Wall Cement sand block Skirting Wall Cement sand block size so 300,300 With Washable emulsion bailth cement sand block cement sand block cement sand block of 1200 With Washable emulsion bailth cement sand block Starcase Classroom block Classroom With Washable emulsion bailth cement sand block cement sand block of 1200 With Washable emulsion bailth cement sand block cement sand block of 1200 With Washable emulsion bailth washable emulsion b		Floor: 37mm thick cement concrete on floor slab												
Classroom block Classroom Multi-purpose HM room Nith washaple eunision baint lick cement sand plaster candison baint lick cement sand plaster size 300x300x10 mm Multi-purpose HM room Storage Staircase Lavatory block Booth Corridor Corridor Lighting fixture, ceiling fan, power outlets Lighting fixture, ceiling fan, power outlets Water supply to lavatory block (excluding Sh01, water sources are depending on the site condition) Drainage system: infiltration on site (connecting to existing drain kh03, Gh02, Gh03 and Da04) Lighting fixture, beautiful source are depending on the site condition) Drainage system: infiltration on site (connecting to existing drain kh03, Gh02, Gh03 and Da04) Lo. External works Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Land formation, boundary wall and gate, pavement, flag pole Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)		Window Frame and Door : Steel frames with wooden doors, Steel frames with wooden windows and security grille									lle			
Classroom block Classroom	7. Interior Finish Schedule	Building type	Room	Floor Skirting			ng	Wall Ceiling						
Corridor Corrid			Multi-purpose HM room Storage Staircase	•			9		•	•			•	6.4mm thick cement sand plaster with VIP plastic emulsion paint
B. Electrical Installation Lighting fixture, ceiling fan, power outlets Water supply to lavatory block (excluding Sh01, water sources are depending on the site condition) Drainage system: infiltration on site (connecting to existing drain Kh03, Gh02, Gh03 and Da04) Land formation, boundary wall and gate, pavement, flag pole Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)		Lavatory block	Booth		•			•		•		•	•	
Water supply to lavatory block (excluding Sh01, water sources are depending on the site condition) Drainage system: infiltration on site (connecting to existing drain Kh03, Gh02, Gh03 and Da04) Land formation, boundary wall and gate, pavement, flag pole Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)			Corridor			•	•				•		•	
Water supply to lavatory block (excluding Sh01, water sources are depending on the site condition) Drainage system: infiltration on site (connecting to existing drain Kh03, Gh02, Gh03 and Da04) Land formation, boundary wall and gate, pavement, flag pole Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)														
Drainage system: infiltration on site (connecting to existing drain Kh03, Gh02, Gh03 and Da04) 1. External works Land formation, boundary wall and gate, pavement, flag pole Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)	8. Electrical Installation	Lighting fixture,	ceiling fan, powe	r outlets										
1. Furniture Desks and chairs for student/teacher/headmistress, guest chairs, meeting table, steel cabinets (separate contract)	9. Plumbing System											٦)		
	10. External works	Land formation,	boundary wall ar	nd gate,	pavem	ent, fla	g pole							
2. Equipment 5 sets of computer equipment and 1 set of laser printer on each schools (separate contract)	11. Furniture	Desks and chairs	for student/tead	cher/hea	dmistr	ess, gu	est cha	irs, me	eting table,	, steel cab	inets (s	eparat	e contra	ct)
	12. Equipment	5 sets of compu	er equipment an	d 1 set c	of laser	printe	r on eac	ch scho	ools (separa	ate contrac	t)			

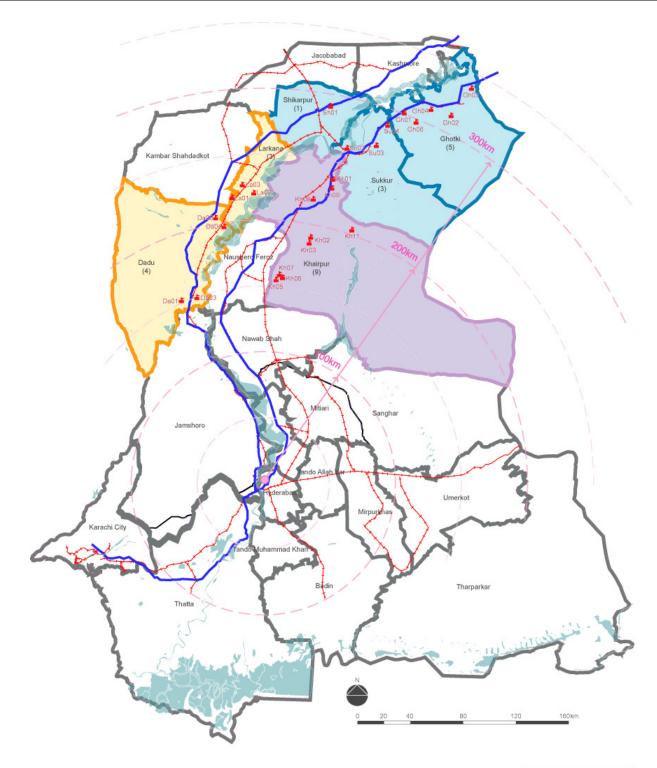
* Chaded narte are not cubinet to the scene of works

TITLE. MATSUDA CONSULTANTS INTERNATIONAL CO., LTD. 43-3,Yoyogi 3-chome,Shibuya-ku,Tokyo,Japan tel 03(5334)5681 fox.03(5334)0777

GENERAL PROJECT OUTLINE & SITE LOCATION MAP

REVISION REMARKS DRAWING CHECK BY DESIGNED BY STATUS JOB NO.| DRG.NO TENDER DRAWINGS OSAWA NO DATE DESIGN CHECK BY DRAWN BY LOT-5 SHIMA<u>DA</u> JOB G-03 SCALE. DATE. 31 / AUG / 2017 COMPUTER CODE

SITE LOCATION MAP



Lot 1 (9) Khairpur (9) Kh01 GGPS Wapda Colony

Kh02 GGPS Hadi Bux Laghari Kh03 GGPS Haji Ali Dad Jogi

Kh05 GGPS Bajeed Fakir Kh06 GGPS Ameen Patho Kh07 GGPS Wazirabad Rajper Kh08 GGPS Gambal Shah Kh09 GGPS Jani Boro Kh11 GGPS Karim Bux Bhambhro Lot 2 (9) Su02 GGPS Miandad Khoso Sukkur (3)

Su03 GGPS Sorho Su04 GGPS Moto Mirbahar Gh01 GGPS Officer Colony Ghotki Gh02 GGPS Nawab Khan Pitafi Gh03 GGPS Kamoon Shaheed

Gh04 GGPS Belo Naich Gh06 GGPS Sheroo Mahar Shikarpur (1) Sh01 GGPS Khanpur - II

Lot 5 (7)

Larkana (3)

La02 GGPS Nai Gudd
GGPS Model Community
Tharecha

La01 GGPS Gund

Da01
Cap Namaluddin Village
Kanhiri
Da03
GGPS Aminani
Da04
GGPS Gharib Abad Radhan
Da05
GGPS Wali Muhammad Gorar

CLIENT.

EDUCATION & LITERACY DEPARTMENT PROVINCIAL GOVERNMENT OF SINDH PROJECT. THE PROJECT FOR UPGRADING PRIMARY GIRLS SCHOOLS INTO ELEMENTARY SCHOOLS IN NORTHERN RURAL SINDH IN THE ISLAMIC REPUBLIC OF PAKISTAN

ENGINEERING CONSULTANTS INTERNATIONAL (PVT.) LTD.

FACILITY COMPONENT BY SITE

District	No.		Facility Components Electrical Inst.								Water Supply				Sewerage System	Site Development/External work			
			Classicon Block					Total	Power Supply	Source of OH Water Tank Well Pump		Well Pump	7,500	Dismantling		Embank- Compound ment wall & gate	Other ext. items (FP: Flagpole)		
			Building Type	Area/m2	CR MP	HM	ST	B. Type Area/m2	Area/m2	a/m2	Water	Depth					IIIEIIC	wall & gate	(rr: riagpole)
Khairpur	Kh01	GGPS Wapda Colony	2F-3CR-HSMa D	253.09	3 1	1	1	F3-R 10.08	263.17	New connection	New well	16m	300 US gal	V	Soak pit	Part of wall	1	Extended area	FP, pavement
															1.5x1.5x1.5m				coverd drainage
	Kh02	GGPS Hadi Bux Laghari	2F-6CR-HSMa B	387.88	6 1	1	1	F5-R 16.80	404,68	Reinstallation	New well	13m	650 US gal	V	Soak pit 3.6x2.5x1.5m	Lavatory, CR block, part of wall	1	Extended area + part of perimeter	FP, pavement
	Kh03	GGPS Haji Ali Dad Jogi	2F-3CR-HSMa A	253.09	3 1	1	1	F5-L 16.80	269.89	Reinstallation	New well	15m	300 US gal	1	Connected to	Temporary bldg.	/	Extended area	FP, pavement
	COLIXI	1001.5 Haji Ali Dad 30gi	E. 501, 10110	200103				70.00	200,00	rremoranarion.			oo oo ga		existing drain	tree, part of wall		+gate	retaining wall
	Kh05	GGPS Bajeed Fakir	1F-3CR-HSM A	224.64	3 1	1	1	F3-L 10.08	234.72	New connection	New well	18m	300 US gal	V	Soak pit	Part of wall	1	Extended area +	FP, pavement
					<u> </u>										1.5x1.5x1.5m			part of perimeter	
	Kh06	GGPS Ameen Patho	1F-3CR-HSM A	224,64	3 1	1	1	F5-R 16.80	241,44	New connection	New well	15m	650 US gal	V	Soak pit 1.5x1.5x1.5m	Lavatory, trees,	1	Entire perimeter +gate	FP, pavement open drainage
	<i>የ</i> አሰ7	GGPS Wazirabad Rajper	1F-3CR-HSM A	224,64	3 1	1	1	F3-R 10.08	234.72	New connection	New well	12m	300 US gal	7	Soak pit	Part of wall	7	Extended area	FP, pavement
	KI IU.7	roor o wazii abau kajpei	11 301(113(1 71			***************************************	*	10,00	E2.W.E	THE CONTROL OF	. www.won		, 500 05 gai		1.5x1.5x1.5m	T SULE OF WANT		+gate	open drainage
	Kh08	GGPS Gambal Shah	2F-3CR-HSMb B	226.24	3 1	1	1	F5-R 16.80	243.04	New connection	New well	13m	650 US gal	7	Soak pit	Lavatory, CR, trees		Part of perimeter	FP, pavement
															2.0x2.0x1.5m	part of wall, pave		+gate	
	Kh09	GGPS Jani Boro	2F-3CR-HSMb B	226,24	3 1	1	1	F3-L 10.08	236.32	New connection	New well	12m	300 US gal	/	Soak pit 1.5x1.5x1.5m	Part of wall	1	Extended area	FP, pavement
	Kh11	GBPS Karim Bux Bhambhro	2F-6CR-HSMa B	387,88	6 1	1	1	F3-R 10.08	397,96	New connection	New well	13m	650 US gal	1	Soak pit 1.5x1.5x1.5m	Temporary structure CR, trees, part of wall		Entire perimeter +gate	FP, pavement
Sukkur	Su02	GGPS Miandad Khoso	2F-6CR-HSMb A	363.92	6 1	1	1	F5-R 16.80	380.72	New connection	New well	13m	650 US gal	V	Soak pit	Lavatory, CR, trees		Part of perimeter	FP, pavement
															1.5x1.5x1.5m	part of wall		+gate	
	Su03	GGPS Sorho	2F-3CR-M C	208.17	3 1	Existi	ng	F3-R 10,08	218.25	New connection	Mew well	18m	300 US gal	.	Soak pit 2.0x0.75x1.5m	Trees, pavement temporary structure		-	FP, pavement passageway
	Sina	GGPS Moto Mirbahar	2F-3CR-HSMb A	226,24	3 1	1	1	F3-R 10.08	236.32	New connection	New well	13m	650 US gal	/	Soak pit	Lavatory, trees		Extended area	FP, pavement
	- 000												Ÿ		2.0x2.0x1.5m	part of wall		+gate	
Ghotki	Gh01	GGPS Officer Colony Ghotki	2F-3CR-HSMa A	253.09	3 1	1	1	F3-R 10.08	263,17	New connection	New well	18m	300 US gal	V	Soak pit	Temporary structure	✓	Extended area	FP, pavement
			4F 3CD 11Ct# #	224.54	3 4	-4	4	F2 D 40 00	224 72	· Riano · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		non tiet		1.5x1.5x1.5m	trees, part of wall		Fution machine	-FP-navionent
	Gh02	GGPS Nawab Khan Pitafi	1F-3CR-HSM A	224.64	3 1	1	.4	F3-R 10.08	234./2	New connection	ием жен	15m	300 US gal	V	Connected to existing drain	Trees, part of wall	/	Entire perimeter +gate	FP, pavement
	Gh03	GGPS Kamoon Shaheed	1F-3CR-HSM A	224,64	3 1	1	1	F3-R 10.08	234.72	New connection	New well	13m	300 US gal	7	Connected to	Trees, part of wall	1	Extended area	FP, pavement
															existing drain				
	Gh04	GGPS Belo Naich	2F-6CR-HSMb A	363.92	6 1	1	1	F5-L 16.80	380,72	New connection	New well	15m	650 US gal	/	Soak pit	Lavatory, CR block	1	Entire perimeter	FP, pavement
			2E 2CD UCWk A	226.24	3 1	1	4	F5-L 16.80	242.04	Reinstallation	T&Low weth	21	CEO LIC and	/	1.5x1.5x1.5m	trees, part of wall	· · ·	+gate	ED sovement
	Gh06	GGPS Sheroo Mahar	2F-3CR-HSMb A	226,24	3 1	4	. 4	F5-L 16.80	243,04	Kenstalation	New well	21m	650 US gal	V	Soak pit 1.5x1.5x1.5m	Trees, pavement part of wall, play equipment	4	Extended area, part of perimeter.	FP, pavement +nate
Shikarpur	Sh01	GGPS Khanpur - II	2F-3CR-M A	208.17	3 1	Existi	ng		208.17	New connection						Trees			FP, pavement
												T.							
Larkana	La01	GGPS Gund	2F-3CR-HSMb A	226.24	3 1	1		F5-R 16.80	243.04	New connection	New well	13.5m	650 US gal	1	Soak pit 4.2x2.0x1.5m	Lavatory, pavement part of wall, trees	1	Extended area +gate	FP, pavement
	La02	GGPS Nai Gudd	2F-3CR-HSMa A	253.09		1	1	F5-R 16.80	478.06	New connection	New well	13.5m	650 US gal	✓	Soak pit	CR, wall, trees	1	Entire perimeter	FP, pavement
			2F-4CR A	208.17		4	1	FF 1 16 00	200.72	Dainete Hetiere	NIII	15	CEO LIC	1	4.2x2.0x1.5m	temporary structure		+gate	retaining wall, st
		GGPS Model Community Tharecha	2F-6CR-HSMb A	363.92				F5-L 16.80		Reinstallation	New well		650 US gal	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Soak pit 3.6x2.5x1.5m	CR, lavatory, pavement trees, wall		Part of perimeter	
Dadu	Da01	GGPS Kamaluddin Village Kanhiri	2F-3CR-M B		3 1	Existi		F3-R 10.08		New connection			650 US gal	'	Soak pit 4.0x1.5x1.5m	Trees	1	-	FP, pavement
	Da03	GGPS Aminani	1F-3CR-HSM A	224.64	3 1	1	1	F3-L 10.08	234.72	New connection	New well	60m	300 US gal	/	Soak pit 2.0x2.0x1.5m	Lavatory, part of wall temporary bldg.		Extended area +gate	FP, pavement
	Da04	GGPS Gharib Abad Radhan	2F-3CR-HSMb C	226.24	3 1	1	1	F3-R 10.08	236.32	Reinstallation	New well	30m	300 US gal	1	Connected to existing drain	Part of wall, trees	1	Part of perimeter +gate	FP, pavement
	Da05	GGPS Wali Muhammad	2F-3CR-HSMb A	226.24	3 1	1	1	F5-R 16.80	243.04	New connection	New well	30m	650 US gal	1	Soak pit	Lavatory, pavement	1	Extended area	FP, pavement
1	100	Gorar										1		1	3.0x3.0x1.5m	trees, part of wall		+ gate	

^{*} Shaded parts are not subject to the scope of works.

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EDUCATION & LITERACY

DEPARTMENT

PROVINCIAL GOVERNMENT OF SINDH

PROJECT.

THE PROJECT FOR UPGRADING PRIMARY GIRLS
SCHOOLS INTO ELEMENTARY SCHOOLS
IN NORTHERN RURAL SINDH
IN THE ISLAMIC REPUBLIC OF PAKISTAN



GENERAL
FACILITY COMPONENT BY SITE

REVISION			DRAWING CHECK BY	DESIGNED BY	STATUS	TENDER DR	TENDER DRAWINGS	
NO	DATE	REMARKS	OSAWA		JOB NO.	DRG.NO	REVISION	
私			DESIGN CHECK BY	DRAWN BY		LOTE	1 2 3 4 5	
刻				SHIMADA	-	LOT-5	6 7 8 9 10	
<u>3</u>			SCALE.	DATE.		G-04		
4				31 / AUG / 2017	COMPUTE			
<u>\$</u> .			-		COMPUTE	-		